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Part Number: 0857891001
Status: Active
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack, PoE PLUS ENABLED 1x1, LEDs: GREEN - GREEN



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-85789-001-001 (PDF)
Packaging Specification PK-85759-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E177474
General	
Product Family	Modular Jacks/Plugs
Series	85789
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982228054
Physical	
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	10.861/g
Orientation	Right Angle (Side Entry)
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +70°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A
Electrical	
Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	57V
Solder Process Data	

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 7(c)-I

China RoHS

REACH SVHC
Not Contained Per - ED/108/2014 (17 Dec 2014)

Halogen-Free Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
85789 Series

Lead-freeProcess Capability	N/A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85759-001
Product Specification	PS-85789-001-001
Sales Drawing	857891001-000, SD-85789-001, SD-85789-401

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